

Rabbit anti-Human, mouse SIL1 Polyclonal Antibody | anti-SIL1 antibody

SIL1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287789	Rabbit	Human, mouse	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

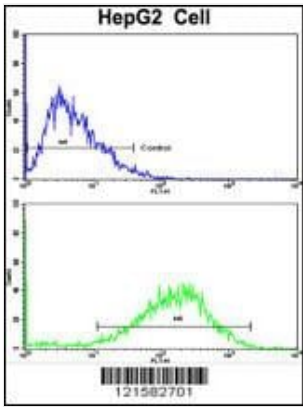
PRODUCT SYNONYMS

SIL1; Polyclonal Antibody; SIL1 Antibody (Center); Nucleotide exchange factor SIL1; BiP-associated protein; BAP; anti-SIL1 antibody

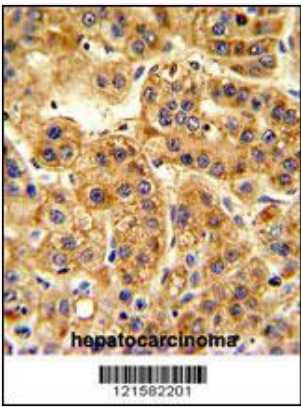
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SIL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 99-126 amino acids from the Central region of human SIL1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	99-126
Sequence Length	461
Applicable Applications for anti-SIL1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

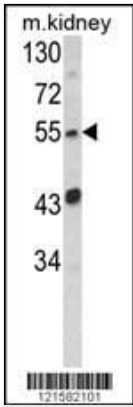
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of HepG2 cells using SIL1 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with SIL1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of SIL1 Antibody (Center) in mouse kidney tissue lysates (35ug/lane).SIL1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SIL1 antibody	SIL1 IS a resident endoplasmic reticulum (ER), N-linked glycoprotein with an N-terminal ER targeting sequence, 2 putative N-glycosylation sites, and a C-terminal ER retention signal. This protein functions as a nucleotide exchange factor for another unfolded protein response protein.
Product Categories/Family for anti-SIL1 antibody	Signal Transduction
References	Clark,H.F., ET.AL., Genome Res. 13 (10), 2265-2270 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	83641896
NCBI GeneID	64374
NCBI Accession #	NP_001032722.1; NP_071909.1
NCBI GenBank Nucleotide #	NM_001037633.1
UniProt Accession #	Q9H173; Q8N2L3; D3DQC2
Molecular Weight	52085

NCBI Official Full Name	nucleotide exchange factor SIL1
NCBI Official Synonym Full Names	SIL1 nucleotide exchange factor
NCBI Official Symbol	SIL1
NCBI Official Synonym Symbols	BAP; MSS; ULG5
NCBI Protein Information	nucleotide exchange factor SIL1
UniProt Protein Name	Nucleotide exchange factor SIL1
UniProt Gene Name	SIL1
UniProt Synonym Gene Names	BAP
UniProt Entry Name	SIL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sil1-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/287789>